

# CPI\_top\_changes

February 6, 2025

```
[NbConvertApp] Converting notebook CPI_top_changes.ipynb to pdf
[NbConvertApp] Support files will be in CPI_top_changes_files/
[NbConvertApp] Making directory ./CPI_top_changes_files
[NbConvertApp] Writing 20883 bytes to notebook.tex
[NbConvertApp] Building PDF
[NbConvertApp] Running xelatex 3 times: ['xelatex', 'notebook.tex', '-quiet']
[NbConvertApp] Running bibtex 1 time: ['bibtex', 'notebook']
[NbConvertApp] WARNING | bibtex had problems, most likely because there were no
citations
[NbConvertApp] PDF successfully created
[NbConvertApp] Writing 315704 bytes to CPI_top_changes.pdf
Top 10 Price Increases from 1997 to 2022
```

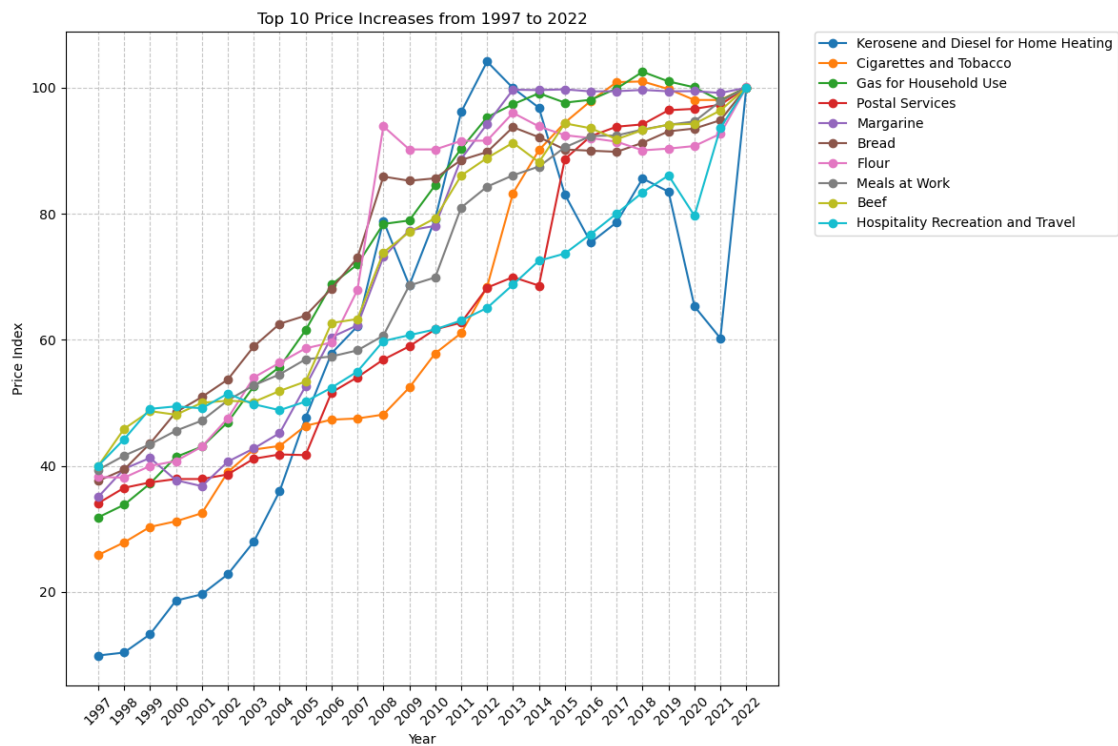
	Description	Change_1997_2022
65	Kerosene and Diesel for Home Heating	90.09
145	Cigarettes and Tobacco	74.15
64	Gas for Household Use	68.21
143	Postal Services	65.94
28	Margarine	64.93
13	Bread	62.38
15	Flour	61.81
49	Meals at Work	60.59
20	Beef	60.02
122	Hospitality Recreation and Travel	60.02

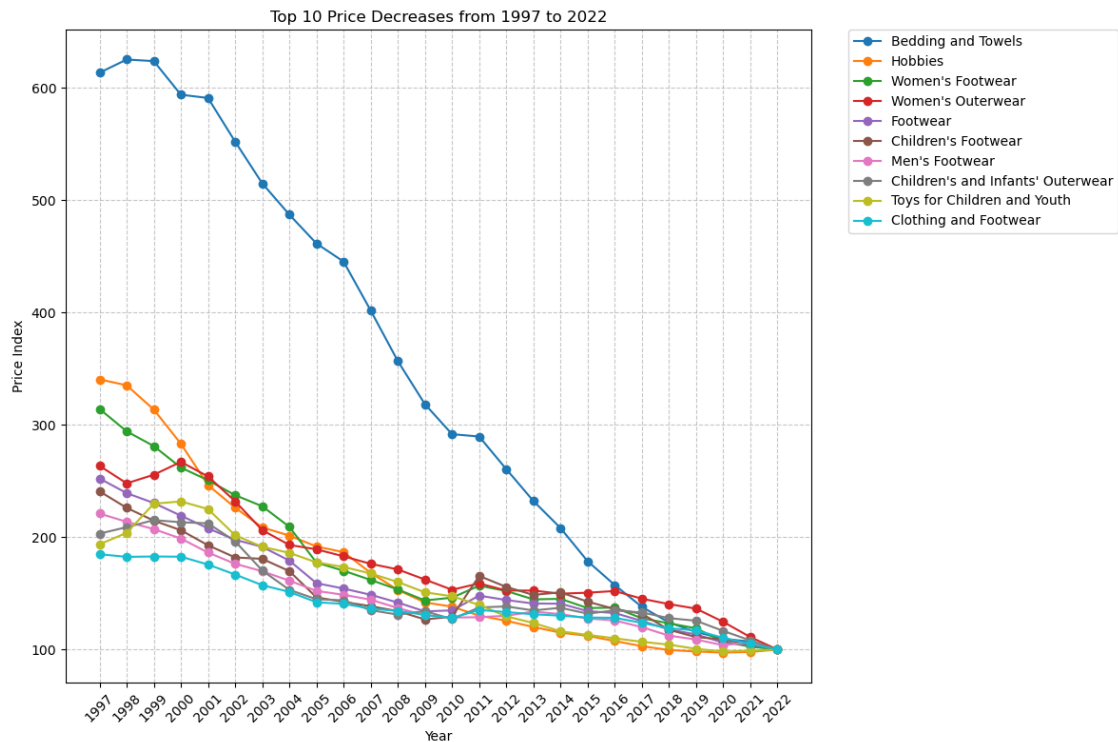
```
/var/folders/m9/b19pphns6hqc2k27c3qtngn40000gn/T/ipykernel_66125/777276121.py:63
: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

```
See the caveats in the documentation: https://pandas.pydata.org/pandas-
docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
primary_categories[f'Change_{start_year}_{end_year}'] =
primary_categories[str(end_year)] - primary_categories[str(start_year)]
```

Top 10 Price Decreases from 1997 to 2022

	Description	Change_1997_2022
78	Bedding and Towels	-513.53
124	Hobbies	-240.55
106	Women's Footwear	-214.24
92	Women's Outerwear	-163.53
104	Footwear	-152.34
107	Children's Footwear	-140.91
105	Men's Footwear	-121.09
93	Children's and Infants' Outerwear	-103.28
125	Toys for Children and Youth	-93.69
89	Clothing and Footwear	-84.94





```
[NbConvertApp] Converting notebook CPI_top_changes.ipynb to pdf
[NbConvertApp] Support files will be in CPI_top_changes_files/
[NbConvertApp] Making directory ./CPI_top_changes_files
[NbConvertApp] Writing 23093 bytes to notebook.tex
[NbConvertApp] Building PDF
[NbConvertApp] Running xelatex 3 times: ['xelatex', 'notebook.tex', '-quiet']
[NbConvertApp] Running bibtex 1 time: ['bibtex', 'notebook']
[NbConvertApp] WARNING | bibtex had problems, most likely because there were no
citations
[NbConvertApp] PDF successfully created
[NbConvertApp] Writing 319427 bytes to CPI_top_changes.pdf
```